



## Field Observation Report

<b>FIELD OBSERVATION REPORT #:</b>	<b>03</b>	
<b>OBSERVATION DATE/TIME:</b>	December 3, 2021	10:30 AM
<b>REPORT DATE:</b>	December 10, 2021	
<b>PROJECT:</b>	<b>4600 Silver Hill Rd Parking Garage</b>	
<b>WALTER P MOORE PROJECT NO.</b>	D01.20007.00	
<b>WEATHER:</b>	Cloudy / Temperature 45°F	
<b>PRESENT AT SITE:</b>	Nouha Javed (b) (6)	Walter P Moore (WPM) Terra Site
<b>DISTRIBUTION LIST:</b>	Nouha Javed Chris Pinto Matt Heringer (b) (6) Andre Thomas (b) (6)	WPM WPM WPM Terra Site Terra Site GSA Davidson Brown Cinnovas



On the date indicated a representative of Walter P Moore visited the referenced site to observe progress of work.

### Progress of Work

- All expansion joints in the north garage had been modified by Terra Site. Further modifications were being completed at the roof level during our site visit.
- Expansion joints in the south garage had been modified by Terra Site as specified
- Expansion joints in the middle garage had been modified by Terra Site as specified

### Observations/Comments

- 03-1. The widths of elastomeric concrete headers at the existing expansion joint block-outs were observed to be inconsistent in the North, South and Middle garages. At these locations, the header edges were not flush with the concrete slab edge below as needed for joint installation (Photo 03-1 and Photo 03-2). WPM noted the approximate quantities required for the repair of the joint headers (see EX-1 attached).

*Action: Contractor to restore elastomeric concrete header edge to the floor surface as required.*

- 03-2. WPM observed isolated locations of concrete slab spalling at Level 2 (gridlines A-B) and Level 1 (gridlines C-D) of the North garage (Photo 03-3). Additionally, concrete slab cracking was observed at Level 2 (gridlines C-D) of the North garage (Photo 03-4).

*Action: Contractor to sound locations of concrete distress for extents of slab delamination. Remove deaminated concrete and repair with an appropriate cementitious material.*



**03-1** Tapered edge of the elastomeric concrete header at the roof level of the North garage



**03-2** Modified elastomeric concrete headers at Level 2 of the North garage

NOTE: Other work was in progress on this date that was not observed by Walter P Moore.

Project: 4600 Silver Hill Rd Parking Garage  
Report By: Nouha Javed

Observation Date: December 3, 2021  
Report Date: December 10, 2021

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03-3

Isolated location of concrete slab spalling at Level 1 of the North garage



03-4

Isolated location of concrete slab cracking at Level 2 of the North garage

NOTE: Other work was in progress on this date that was not observed by Walter P Moore.

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Report By: Nouha Javed

Observation Date: December 3, 2021  
Report Date: December 10, 2021

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North Garage			As of 12/06/2021					
Level	Gridlines	Required Joint Type	Required Modified Joint Width	Modification Complete?	Joint Width After Saw Cut	WPM Notes	Elastomeric Concrete Repair Quantity* (SF)	Epoxy Repair Quantity** (LF)
Roof	A-B	4.0" Precompressed to 3.75"	3.75"	Yes	3.75"	Required Modifications appear to be Completed	6.67	20
Roof	B-C	4.0" Precompressed to 3.75"	3.75"	Yes	3.75"	Required Modifications appear to be Completed	10.00	0
Roof	C-D	4.0" Precompressed to 3.75"	3.75"	Yes	3.75"	Required Modifications appear to be Completed	10.00	0
Level 4	A-B	4.0" Precompressed to 3.5"	3.5"	Yes	3.5"	Cut completed but did not need to be cut if new joints are being procured.	2.92	15
Level 4	B-C	4.0" Precompressed to 3.75"	3.8125"	Yes	3.8"	Required Modifications appear to be Completed	0.00	10
Level 4	C-D	4.0" Precompressed to 3.75"	3.8125"	Yes	4.0"	Cut completed but did not need to be cut if new joints are being procured.	0.83	0
Level 3	A-B	4.0" Precompressed to 3.75"	4.0"	Yes	4.0"	Required Modifications appear to be Completed	0.83	0
Level 3	B-C	4.0" Precompressed to 3.75"	3.75"	Yes	3.75"	Required Modifications appear to be Completed	0.42	5
Level 3	C-D	4.0" Precompressed to 3.5"	3.5625"	Yes	3.5"	Cut completed but did not need to be cut if new joints are being procured.	0.42	0
Level 2	A-B	4.0" Precompressed to 3.75"	3.875"	Yes	3.875"-4.125"	Required Modifications appear to be Completed	5.92	0
Level 2	B-C	4.0" Precompressed to 3.5"	3.625"	Yes	3.625"	Cut completed but did not need to be cut if new joints are being procured.	7.50	0
Level 2	C-D	3.25" NOT Compressed	3.25"	Yes	3.5"-3.625"	Cut completed but did not need to be cut if new joints are being procured.	1.17	5
Level 1	A-B	4.0" Precompressed to 3.75"	3.625"	Yes	3.625"	Required Modifications appear to be Completed	4.17	0
Level 1	B-C	-	-				-	-
Level 1	C-D	3.25" Precompressed to 3"	3"	Yes	3"	Cut completed but did not need to be cut if new joints are being procured.	0.83	15

South Garage			As of 12/06/2021					
Level	Gridlines	Required Joint Type	Required Modified Joint Width	Modification Complete?	Joint Width After Saw Cut	WPM Notes	Elastomeric Concrete Repair Quantity* (SF)	Epoxy Repair Quantity** (LF)
Roof	A-B	4.0" Precompressed to 3.75"	3.75"	Yes	Not provided	Does not need to be cut.	10.00	0
Roof	B-C	3.25" NOT Compressed	3.75"	Yes	Not provided	Does not need to be cut.	8.33	0
Roof	C-D	3.5" Not Compressed	3.75"	Yes	Not provided	Modifications Required both sides	10.00	0
Level 4	A-B	4.0" Precompressed to 3.5"	3.75"	Yes	Not provided	Modifications Required both sides	9.17	0
Level 4	B-C	4.0" Precompressed to 3.75"	3.75"	Yes	Not provided	Modifications Required remove taper up on one side only	5.42	15
Level 4	C-D	4.0" Precompressed to 3.75"	3.75"	Yes	Not provided	Modifications Required both sides	10.00	0
Level 3	A-B	4.0" Precompressed to 3.75"	3.75"	Yes	Not provided	Modifications Required remove taper up on one side only	9.58	0
Level 3	B-C	3.25" Precompressed to 3"	3.125"	Yes	Not provided	Does not need to be cut.	10.00	0
Level 3	C-D	4.0" Precompressed to 3.75"	3.75"	Yes	Not provided	Modifications Required both sides	10.00	0
Level 2	A-B	4.0" Precompressed to 3.75"	3.875"	Yes	3.75"	Modifications Required both sides	7.50	15
Level 2	B-C	4.0" Precompressed to 3.75"	3.625"	Yes	3.75 to 4"	Cut completed but did not need to be cut if new joints are being procured.	5.83	15
Level 2	C-D	3.5" Not Compressed	3.25"	Yes	3.5"	Required Modifications appear to be Completed	7.50	0
Level 1	A-B	3.5" Not Compressed	3.5"	Yes	3.5"	Cut completed but did not need to be cut if new joints are being procured.	5.42	0
Level 1	B-C	-	-				-	-
Level 1	C-D	3.25" NOT Compressed	3.25"	Yes	3.25"	Cut completed but did not need to be cut if new joints are being procured.	10.00	0

Middle (B) Garage			As of 12/06/2021					
Level	Gridlines	Required Joint Type	Required Modified Joint Width	Modification Complete?	Joint Width After Saw Cut	WPM Notes	Elastomeric Concrete Repair Quantity* (SF)	Epoxy Repair Quantity** (LF)
Level 1	C-E 25/26	3.25" NOT Compressed	3.25"	Yes	Not provided	Does not need to be cut.	0.83	0
Level 1	C-E 38/39	3.25" NOT Compressed	3.25"	Yes	3.25" to 3.5"	Cut completed but did not need to be cut if new joints are being procured.	0.25	0
Level 1	C-D 52/53	3.25" Precompressed	3"	Yes	3.0"	Cut completed but did not need to be cut if new joints are being procured.	0.00	5

A	3.25" Joint Precompressed to 3"
B	3.25" Joint Not Compressed
C	3.5" Joint Not Compressed
D	4.0" Joint Precompressed to 3.5"
E	4.0" Joint Precompressed to 3.75"

\*assume elast. conc. repairs at 0.75" deep  
\*\*assume epoxy repairs are typically 1/8"x3/4"



Walter P Moore and Associates, Inc.  
1747 Pennsylvania Avenue NW  
Suite 1050  
Washington D.C. 20006

walter  
p moore

202.481.7685

Project Name:  
4600 Silver Hills Road Parking Garage  
Expansion Joint Repairs

Client:  
CINNOVAS

Date: 12/10/2021

Content: Report Exhibit

Eng: NJ/MH      Drafter: N/A

Proj. No. D01.20007.00

Sheet:  
  

EX1



## Field Observation Report

<b>FIELD OBSERVATION REPORT #:</b>	<b>04</b>	
<b>OBSERVATION DATE/TIME:</b>	January 24, 2022	10:00 AM
<b>REPORT DATE:</b>	January 25, 2022	
<b>PROJECT:</b>	<b>4600 Silver Hill Rd Parking Garage</b>	
<b>WALTER P MOORE PROJECT NO.</b>	D01.20007.00	
<b>WEATHER:</b>	Sunny / Temperature 35°F	
<b>PRESENT AT SITE:</b>	Nouha Javed (b) (6)	Walter P Moore (WPM) Terra Site
<b>DISTRIBUTION LIST:</b>	Nouha Javed Chris Pinto Matt Heringer (b) (6) Andre Thomas (b) (6)	WPM WPM WPM Terra Site Terra Site GSA Davidson Brown Cinnovas



On the date indicated a representative of Walter P Moore visited the referenced site to observe progress of work.

### Progress of Work

- Joint header and concrete patch repairs have been completed by Terra Site as specified.
- Expansion joint block-outs in the north, south and middle garage had been modified by Terra Site as specified.

### Observations/Comments

- 04-1. Elastomeric concrete header repairs were typically observed at all levels of the north, south and middle garages (Photo 04-1 through Photo 04-4). The completed repairs were typically sound and flush with the existing header material and block-out.

*Action: None.*

- 04-2. Isolated locations of partial-depth concrete slab repair were observed at Levels 1 and 2 of the north garage (Photo 04-5). The repairs were observed to be sound, flush with the existing slab surface and to have squared edges.

*Action: None.*

- 04-3. Weather-proofing was observed at the Level 4 ramp of the north garage and the Level 4 ramp of the south garage, to prevent water ingress through the roof level expansion joint block-outs (Photo 04-6). The weather-proofing typically consisted of adhesive membrane strips and plastic sheeting.

*Action: None.*



**04-1** Typical completed elastomeric concrete header repairs at the roof level of the south garage



**04-2** Typical completed elastomeric concrete header repairs at the Level 4 of the south garage

NOTE: Other work was in progress on this date that was not observed by Walter P Moore.

Project: 4600 Silver Hill Rd Parking Garage  
Report By: Nouha Javed

Observation Date: January 24, 2022  
Report Date: January 25, 2022

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04-3

Typical completed elastomeric concrete header repairs at the roof level of the north garage



04-4

Typical completed elastomeric concrete header repairs at the Level 1 of the middle garage

NOTE: Other work was in progress on this date that was not observed by Walter P Moore.

Project: 4600 Silver Hill Rd Parking Garage  
Report By: Nouha Javed

Observation Date: January 24, 2022  
Report Date: January 25, 2022

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04-5

Typical completed concrete patch repair at Level 2 of the north garage



04-6

Typical weather proofing installed at the Level 4 ramp of the south garage

NOTE: Other work was in progress on this date that was not observed by Walter P Moore.

Project: 4600 Silver Hill Rd Parking Garage  
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Observation Date: January 24, 2022  
Report Date: January 25, 2022

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